

1655

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/269,250B

CRF Processing Date: 11/20/2000  
Edited by: \_\_\_\_\_  
Verified by: \_\_\_\_\_ (STIC staff)

ENTERED

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  
 page numbers throughout text;  other invalid text, such as \_\_\_\_\_.

Inserted mandatory headings, specifically: C2207 throughout

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B

DATE: 11/21/2000  
TIME: 08:49:51

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\11212000\I269250B.raw

PS

2 <110> APPLICANT: Goulimy, Elsa  
 4 <120> TITLE OF INVENTION: METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN  
 5 HA-1  
 7 <130> FILE REFERENCE: 2799/58994  
 9 <140> CURRENT APPLICATION NUMBER: 09/269,250B  
 C--> 10 <141> CURRENT FILING DATE: 1999-05-21  
 12 <160> NUMBER OF SEQ ID NOS: 38  
 14 <170> SOFTWARE: Patentin ver. 2.1  
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 19 <213> ORGANISM: Human  
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 22 gtgagagcca cggggacacc gagggctggg tggaaagacag agccagaccc aaggaggat 60  
 23 ggaaaggaggg acttggggag gtcagaagg gaggggggct cagatggcag ggaggggct 120  
 24 gtggaaaggagg ccatgacacg taaggctcg aggatgtgt aggatgttg tggtttggatc 180  
 25 cttggcgtta cactgcgtca aqagggtlqc cactttttttttttttaaaagg acgtgtatggc 240  
 26 aatttaggggg gaaaggcaga ggaatgttcc calgcacagg ctccagaaaca cggaaacaga 300  
 27 gaaatgtatll gggggccaaag gtgtgggggtc ccgttgtgtt aggatgttgg catgacaacg 360  
 28 ccaaggcaaaaaaagg 377  
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 33 <212> TYPE: DNA  
 34 <213> ORGANISM: Artificial Sequence  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 20  
 45 <212> TYPE: DNA  
 46 <213> ORGANISM: Artificial Sequence  
 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 51 <400> SEQUENCE: 3  
 52 tggctctcac cgtcacgcag 20  
 55 <210> SEQ ID NO: 4  
 56 <211> LENGTH: 20  
 57 <212> TYPE: DNA  
 58 <213> ORGANISM: Artificial Sequence  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 63 <400> SEQUENCE: 4  
 64 tggctctcac cgtcacgcac 20  
 67 <210> SEQ ID NO: 5  
 68 <211> LENGTH: 20  
 69 <212> TYPE: DNA

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B

DATE: 11/21/2000  
TIME: 08:49:51

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\11212000\I269250B.raw

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72 <220> FEATURE:  
73 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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79 <210> SEQ ID NO: 6  
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81 <212> TYPE: DNA  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
87 <400> SEQUENCE: 6  
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92 <211> LENGTH: 20  
93 <212> TYPE: DNA  
94 <213> ORGANISM: Artificial Sequence  
96 <220> FEATURE:  
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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103 <210> SEQ ID NO: 8  
104 <211> LENGTH: 20  
105 <212> TYPE: DNA  
106 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
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117 <212> TYPE: DNA  
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120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
123 <400> SEQUENCE: 9  
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127 <210> SEQ ID NO: 10  
128 <211> LENGTH: 20  
129 <212> TYPE: DNA  
130 <213> ORGANISM: Artificial Sequence  
132 <220> FEATURE:  
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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136 ggcagagagc cctcgacgac 20  
139 <210> SEQ ID NO: 11  
140 <211> LENGTH: 18  
141 <212> TYPE: DNA  
142 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B

DATE: 11/21/2000  
TIME: 08:49:51

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\11212000\I269250B.raw

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151 <210> SEQ ID NO: 12
152 <211> LENGTH: 15
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <233> OTHER INFORMATION: Description of Artificial Sequence: Primer
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160 qtgtgttgcg tgacg 15
163 <210> SEQ ID NO: 13
164 <211> LENGTH: 16
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <233> OTHER INFORMATION: Description of Artificial Sequence: Primer
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172 tqtgtgttgc gtgacg 16
175 <210> SEQ ID NO: 14
176 <211> LENGTH: 19
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <233> OTHER INFORMATION: Description of Artificial Sequence: Primer
183 <400> SEQUENCE: 14
184 tqtgtgttgc atgacggtg 19
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 18
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <233> OTHER INFORMATION: Description of Artificial Sequence: Primer
195 <400> SEQUENCE: 15
196 tqtgtgttgc atgacggt 18
199 <210> SEQ ID NO: 16
200 <211> LENGTH: 18
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <233> OTHER INFORMATION: Description of Artificial Sequence: Primer
207 <400> SEQUENCE: 16
208 qtgtgttgcg tgacggtg 18
211 <210> SEQ ID NO: 17
212 <211> LENGTH: 9
213 <212> TYPE: PRT
214 <213> ORGANISM: Human
216 <220> FEATURE:

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/269,250B

DATE: 11/21/2000  
 TIME: 08:49:51

Input Set : A:\Pto.amc  
 Output Set: N:\CRF3\11212000\I269250B.raw

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217 <221> NAME/KEY: SITE
218 <222> LOCATION: (3)
219 <223> OTHER INFORMATION: Wherein Xaa at position 3 represents a histidine
220 (H) or an arginine (R) residue.
222 <400> SEQUENCE: 17
W--> 223 Val Leu Xaa Asp Asp Leu Leu Glu Ala
224 1 5
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 25
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
235 <400> SEQUENCE: 18
236 gcttcgtcat gacgtctgt ctgcga 25
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 24
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
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245 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
259 <400> SEQUENCE: 20
260 gaaggccaca gcaatcgatccagg 25
263 <210> SEQ ID NO: 21
264 <211> LENGTH: 30
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
271 <400> SEQUENCE: 21
272 ctttgagaaa cttaaggagt gtgtgtcgca 30
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 30
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
283 <400> SEQUENCE: 22
284 ctttgagaaa cttaaggagt gtgtgtcgca 30
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 33

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B

DATE: 11/21/2000  
TIME: 08:49:52

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\11212000\I269250B.raw

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289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
295 <400> SEQUENCE: 23
296 ccqqcalqga cgtcgtcgag gacatctccc atc          33
299 <210> SEQ ID NO: 24
300 <211> LENGTH: 30
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
307 <400> SEQUENCE: 24
308 ctacttcagg ccacagcaat cgtctccagg          30
311 <210> SEQ ID NO: 25
312 <211> LENGTH: 27
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <221> NAME/KEY: CDS
318 <222> LOCATION: (1)..(27)
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
322   Fragments
324 <400> SEQUENCE: 25
325 gtg ttg cgt gac gac ctc ctt gag gcc          27
326 Val Leu Arg Asp Asp Leu Leu Glu Ala
327 1      5
330 <210> SEQ ID NO: 26
331 <211> LENGTH: 9
332 <212> TYPE: PR
333 <213> ORGANISM: Artificial Sequence
W--> 334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
336   Fragments
338 <400> SEQUENCE: 26
339 Val Leu Arg Asp Asp Leu Leu Glu Ala
340 1      5
344 <210> SEQ ID NO: 27
345 <211> LENGTH: 27
346 <212> TYPE: DNA
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <221> NAME/KEY: CDS
351 <222> LOCATION: (1)..(27)
353 <220> FEATURE:
354 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
355   Fragments
357 <400> SEQUENCE: 27

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/269,250B

DATE: 11/21/2000

TIME: 08:49:53

Input Set : A:\Pto.amc

Output Set: N:\CRF3\11212000\I269250B.raw

L:10 M:271 C: Current Filing Date differs. Replaced Current Filing Date  
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:334 M:283 W: Missing Blank Line separator, <220> field identifier  
L:367 M:283 W: Missing Blank Line separator, <220> field identifier  
L:425 M:283 W: Missing Blank Line separator, <220> field identifier  
L:456 M:283 W: Missing Blank Line separator, <220> field identifier  
L:491 M:283 W: Missing Blank Line separator, <220> field identifier  
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37

STATISTICS SUMMARY DATE: 11/20/2000  
PATENT APPLICATION: US/09/269,250B TIME: 12:06:38

Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

Application Serial Number: US/09/269,250B

Alpha or Numeric: Numeric

Application Class:

Application File Date: 05-21-1999

Art Unit: 1655

Software Application: Patentin 2.1

Total Number of Sequences: 38

Number of Seqs: 1128

Number of Peps: 96

Number of Errors: 0

Number of Warnings: 7

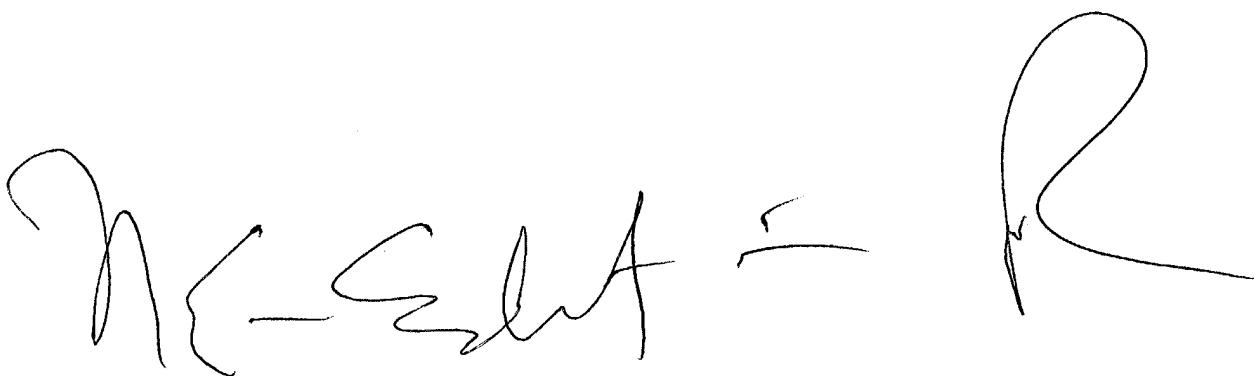
Number of Corrections: 1

MESSAGE SUMMARY

258 W: 5 (Mandatory Feature missing)

271 C: 1 (Current Filing Date differs)

341 W: 2 ((46) "n" or "xaa" used)

A large, handwritten signature in black ink is positioned on the left side of the page. It appears to read "McElroy". To the right of the signature is a large, stylized, handwritten letter "R".

1655

*Does Not Comply  
Corrected Diskette Needed*RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250BDATE: 11/20/2000  
TIME: 12:06:37Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

3 <110> APPLICANT: Goulay, Elsa  
5 <120> TITLE OF INVENTION: METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN  
6 HA-1  
8 <130> FILE REFERENCE: 2799/58994  
10 <140> CURRENT APPLICATION NUMBER: 09/269,250B  
C--> 11 <141> CURRENT FILING DATE: 1999-05-21  
13 <160> NUMBER OF SEQ ID NOS: 38  
15 <170> SOFTWARE: PatentIn Ver. 2.1  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 377  
19 <212> TYPE: DNA  
20 <213> ORGANISM: Human  
22 <400> SEQUENCE: 1  
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24 ggaggagggg actl:ggggag qetcagaagg gaggaggctc catatggcag ggaggggctgt 120  
25 tggaaaggagg ccattgcac taaqqctctg aggatgtgt aggagtttgg tgggggagtc 180  
26 cctqagcgta cacttgtca agagqgtgcc cactttattt ttttaaagg atctgtatgac 240  
27 aatttagaggagg gaaaggcaga gggaaatgtcc catgcacagg ctcagaaaaca cgaaaaacaga 300  
28 gaatgcattt qqqqqccaaag gtgtgggtg ccgtgtgtgt aggatgaagg catgacaacg 360  
29 ccaggcagaat gggcaat 377  
32 <210> SEQ ID NO: 2  
33 <211> LENGTH: 20  
34 <212> TYPE: DNA  
35 <213> ORGANISM: Artificial Sequence  
37 <220> FEATURE:  
38 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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44 <210> SEQ ID NO: 3  
45 <211> LENGTH: 20  
46 <212> TYPE: DNA  
47 <213> ORGANISM: Artificial Sequence  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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53 tggctctcac cgtcatgcag 20  
56 <210> SEQ ID NO: 4  
57 <211> LENGTH: 20  
58 <212> TYPE: DNA  
59 <213> ORGANISM: Artificial Sequence  
61 <220> FEATURE:  
62 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
64 <400> SEQUENCE: 4  
65 tggctctcac cgtcatgcac 20  
68 <210> SEQ ID NO: 5  
69 <211> LENGTH: 20  
70 <212> TYPE: DNA

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B DATE: 11/20/2000  
TIME: 12:06:37

Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

71 <213> ORGANISM: Artificial Sequence  
73 <220> FEATURE:  
74 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
76 <400> SEQUENCE: 5  
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80 <210> SEQ ID NO: 6  
81 <211> LENGTH: 20  
82 <212> TYPE: DNA  
83 <213> ORGANISM: Artificial Sequence  
85 <220> FEATURE:  
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
88 <400> SEQUENCE: 6  
89 cttaaaggagt gtgtgtcga 20  
92 <210> SEQ ID NO: 7  
93 <211> LENGTH: 20  
94 <212> TYPE: DNA  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
100 <400> SEQUENCE: 7  
101 cttaaaggagl gtgtgttgcg 20  
104 <210> SEQ ID NO: 8  
105 <211> LENGTH: 20  
106 <212> TYPE: DNA  
107 <213> ORGANISM: Artificial Sequence  
109 <220> FEATURE:  
110 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
112 <400> SEQUENCE: 8  
113 gctgtcatgg cctcttccac 20  
116 <210> SEQ ID NO: 9  
117 <211> LENGTH: 20  
118 <212> TYPE: DNA  
119 <213> ORGANISM: Artificial Sequence  
121 <220> FEATURE:  
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
124 <400> SEQUENCE: 9  
125 gcattctctg tttccgtgtt 20  
128 <210> SEQ ID NO: 10  
129 <211> LENGTH: 20  
130 <212> TYPE: DNA  
131 <213> ORGANISM: Artificial Sequence  
133 <220> FEATURE:  
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
136 <400> SEQUENCE: 10  
137 ggccagagcgc ctcgcgcacc 20  
140 <210> SEQ ID NO: 11  
141 <211> LENGTH: 18  
142 <212> TYPE: DNA  
143 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B DATE: 11/20/2000  
TIME: 12:06:37

Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

145 <220> FEATURE:  
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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153 <211> LENGTH: 15  
154 <212> TYPE: DNA  
155 <213> ORGANISM: Artificial Sequence  
157 <220> FEATURE:  
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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161 gtgtgttgcg tgacg 15  
164 <210> SEQ ID NO: 13  
165 <211> LENGTH: 16  
166 <212> TYPE: DNA  
167 <213> ORGANISM: Artificial Sequence  
169 <220> FEATURE:  
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173 ttttgttttcg qttqacg 16  
176 <210> SEQ ID NO: 14  
177 <211> LENGTH: 19  
178 <212> TYPE: DNA  
179 <213> ORGANISM: Artificial Sequence  
181 <220> FEATURE:  
182 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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185 ttttgttttcg atggcggtg 19  
188 <210> SEQ ID NO: 15  
189 <211> LENGTH: 18  
190 <212> TYPE: DNA  
191 <213> ORGANISM: Artificial Sequence  
193 <220> FEATURE:  
194 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
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200 <210> SEQ ID NO: 16  
201 <211> LENGTH: 18  
202 <212> TYPE: DNA  
203 <213> ORGANISM: Artificial Sequence  
205 <220> FEATURE:  
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209 ttttgttttcg ttggcggt 18  
212 <210> SEQ ID NO: 17  
213 <211> LENGTH: 9  
214 <212> TYPE: PRT  
215 <213> ORGANISM: Human  
217 <220> FEATURE:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B

DATE: 11/20/2000  
TIME: 12:06:37

Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

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218 <221> NAME/KEY: SLPE
219 <222> LOCATION: (3)
220 <223> OTHER INFORMATION: Wherein Xaa at position 3 represents a histidine
221 (H) or an arginine (R) residue.
223 <400> SEQUENCE: 17
W--> 224 Val Leu Xaa Asp Asp Leu Leu Glu Ala
225 1 5
228 <210> SEQ ID NO: 18
229 <211> LENGTH: 25
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
236 <400> SEQUENCE: 18
237 gctctctat gacgcgttgt ctgca 25
240 <210> SEQ ID NO: 19
241 <211> LENGTH: 24
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
248 <400> SEQUENCE: 19
249 gacgtcgctcaggacatctc ccat 24
252 <210> SEQ ID NO: 20
253 <211> LENGTH: 25
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
260 <400> SEQUENCE: 20
261 qaaggccaca gcaatcgctt ccagg 25
264 <210> SEQ ID NO: 21
265 <211> LENGTH: 30
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
272 <400> SEQUENCE: 21
273 ctttgagaaa ctttaaggagt gtgtgtgtca 30
276 <210> SEQ ID NO: 22
277 <211> LENGTH: 30
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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288 <210> SEQ ID NO: 23
289 <211> LENGTH: 33

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/269,250B

DATE: 11/20/2000  
TIME: 12:06:37

Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

290 <212> TYPE: DNA  
 291 <213> ORGANISM: Artificial Sequence  
 293 <220> FEATURE:  
 294 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 296 <400> SEQUENCE: 23  
 297 ccggcatgga cgtcgtcgag gacatctccc atc 33  
 300 <210> SEQ ID NO: 24  
 301 <211> LENGTH: 30  
 302 <212> TYPE: DNA  
 303 <213> ORGANISM: Artificial Sequence  
 305 <220> FEATURE:  
 306 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 308 <400> SEQUENCE: 24  
 309 ctacttcagg ccacagcaat cgttcgtccagg 30  
 312 <210> SEQ ID NO: 25  
 313 <211> LENGTH: 27  
 314 <212> TYPE: DNA  
 315 <213> ORGANISM: Artificial Sequence  
 317 <220> FEATURE:  
 318 <221> NAME/KEY: CDS  
 319 <222> LOCATION: (1)..(27)  
 321 <220> FEATURE:  
 322 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon  
 323 Fragments  
 325 <400> SEQUENCE: 25  
 326 gtg ttg cgt gac gac ctc ctt gag gcc 27  
 327 Val Leu Arg Asp Asp Leu Leu Glu Ala  
 328 1 5  
 331 <210> SEQ ID NO: 26  
 332 <211> LENGTH: 9  
 333 <212> TYPE: PRT  
 334 <213> ORGANISM: Artificial Sequence  
 335 <220> FEATURE:  
 335 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon  
 338 <400> SEQUENCE: 26  
 339 Val Leu Arg Asp Asp Leu Leu Glu Ala  
 340 1 5  
 344 <210> SEQ ID NO: 27  
 345 <211> LENGTH: 27  
 346 <212> TYPE: DNA  
 347 <213> ORGANISM: Artificial Sequence  
 349 <220> FEATURE:  
 350 <221> NAME/KEY: CDS  
 351 <222> LOCATION: (1)..(27)  
 353 <220> FEATURE:  
 354 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon  
 355 Fragments  
 357 <400> SEQUENCE: 27  
 358 gtg ctg cat gac gac ctc ctt gag gcc 27

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/269,250B

DATE: 11/20/2000

TIME: 12:06:38

Input Set : A:\589941.app  
Output Set: N:\CRF3\11202000\I269250B.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:335 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:367 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:424 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:454 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:488 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37